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## **ABSTRACT**

A method of estimating a DC offset value of a signal includes estimating a DC offset value of a preamble part of the signal using a pair of diodes (D1, D2) and a resistor (R) connected in parallel. During receipt of the data part of the signal, the diode pair (D1, D2) is switched out of the circuit by a switch (SW). During reception of the data part, the DC level is estimated using a low pass filter (R,C).